

ABSTRACT OF DISCLOSURE

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A protection circuit prevents a circuit component from static charge unavoidably applied to a signal terminal, and includes a vertical bipolar transistor having an n-type deep well serving as an emitter region, a p-type well formed on the n-type deep well and serving as a base region and an n-type impurity region formed in the p-type well and serving as a collector region so as to reduce a base resistance regardless of a shallow trench isolation.